

Title (en)
FOLDABLE DEVICE

Title (de)
FALTBARE VORRICHTUNG

Title (fr)
DISPOSITIF PLIABLE

Publication
EP 3109847 B1 20200304 (EN)

Application
EP 15752893 A 20150126

Priority
• KR 20140020749 A 20140221
• KR 20140127191 A 20140923
• KR 2015000773 W 20150126

Abstract (en)
[origin: EP3109847A1] A foldable device includes first and second bodies that respectively support a first part and a second part of a flexible display and are foldably connected to each other between a folded position and an unfolded position, and a movable supporting member that continuously near-supports a third part of the flexible display between the first part and the second part when the first body and the second body change from the folded position to the unfolded position.

IPC 8 full level
G09F 9/00 (2006.01); **G06F 1/16** (2006.01)

CPC (source: CN EP KR RU US)
G02F 1/133305 (2013.01 - KR); **G06F 1/1652** (2013.01 - CN EP KR RU US); **G06F 1/1681** (2013.01 - CN EP RU US); **G09F 9/301** (2013.01 - KR)

Cited by
KR20210068880A; EP3270259A1; EP4141271A4; CN112382201A; EP3910446A1; EP4273413A4; EP3355157A1; EP3355159A1; USD999198S; EP4152123A1; EP3843172A4; EP3663891A1; CN111290524A; US10244641B2; EP3355158A1; CN109994045A; EP4009615A1; CN114762025A; TWI632414B; USD999200S; US11886243B2; WO2018187104A1; WO2020222485A1; US10268237B2; US10416726B2; WO2020081327A1; EP3737074A4; EP3896948A1; EP4033742A1; EP4235360A3; US10495941B2; US10761572B1; USD1001114S; USD1001113S; US10754377B2; US11340663B2; US11747867B2; US10383241B2; US10564681B2; USD999199S; US11811958B2; TWI722575B; US10274996B2; US11611641B2; US11703916B2; US11726530B2; US10901457B2; US11243564B2; US11300996B2; WO2021112549A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 3109847 A1 20161228; EP 3109847 A4 20170920; EP 3109847 B1 20200304; AU 2015219774 A1 20161006; AU 2015219774 B2 20190307; AU 2019204017 A1 20190627; AU 2019204017 B2 20201119; AU 2021201100 A1 20210311; AU 2021201100 B2 20221117; BR 112016019237 A2 20210706; BR 112016019237 B1 20220816; CN 105830140 A 20160803; CN 105830140 B 20180615; CN 107092303 A 20170825; CN 107092303 B 20210615; CN 108646858 A 20181012; CN 108646858 B 20220412; EP 3683786 A1 20200722; EP 3792903 A1 20210317; JP 2017510065 A 20170406; JP 6629746 B2 20200115; KR 101726306 B1 20170412; KR 101727971 B1 20170418; KR 101861348 B1 20180629; KR 101986617 B1 20190607; KR 102097765 B1 20200407; KR 102165889 B1 20201014; KR 102278681 B1 20210716; KR 102394460 B1 20220506; KR 20150099383 A 20150831; KR 20160032080 A 20160323; KR 20170044622 A 20170425; KR 20180056614 A 20180529; KR 20190064552 A 20190610; KR 20200037191 A 20200408; KR 20200118786 A 20201016; KR 20210090595 A 20210720; KR 20220044706 A 20220411; RU 2016137482 A 20180326; RU 2016137482 A3 20180718; RU 2683290 C2 20190327; US 2023185338 A1 20230615; WO 2015126068 A1 20150827

DOCDB simple family (application)
EP 15752893 A 20150126; AU 2015219774 A 20150126; AU 2019204017 A 20190607; AU 2021201100 A 20210219; BR 112016019237 A 20150126; CN 201580003222 A 20150126; CN 201610921076 A 20150126; CN 201810492561 A 20150126; EP 20160630 A 20150126; EP 20204778 A 20150126; JP 2016553527 A 20150126; KR 20140127191 A 20140923; KR 2015000773 W 20150126; KR 20160029865 A 20160311; KR 20170047180 A 20170412; KR 20180057446 A 20180518; KR 20190064381 A 20190531; KR 20200039388 A 20200331; KR 20200129604 A 20201007; KR 20210091212 A 20210712; KR 20220039538 A 20220330; RU 2016137482 A 20150126; US 202218088335 A 20221223